



10069524-

AA B C D E V F F

AA	POSITION
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

B	FOR PLUG, SEE DWG. NO. 10069525			
COMBINATION OF MATED HEIGHT	Plug 1	Plug 2	Plug 3	Plug 4
Recep 1				
Recep 2				
Recep 3				
Recep 4				

NOTES:

- MATERIAL
HOUSING: LCP UL 94V-0
TERMINAL: NICKEL COPPER
- PLATING
AS SHOWN IN TABLE.
- SEE GS-12-547 FOR PRODUCT SPEC.
- SEE GS-14-551 AND GS-14-816 FOR THE DETAILS OF PACKAGING.
PRODUCT WILL BE PACKED IN ACCORDANCE TO GLOBAL PROCEDURE GS-14-920.
- PACKAGING OPTION 2: "NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY".
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WITH STAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR REFLOW OVEN.
- PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
- THIS PARTNUMBER ONLY CATER FOR SPECIAL CUSTOMER REQUIREMENT OF COPLANARITY OF 0.1 FOR ALL POSITION.

V	MANDATORY CODE
/	STANDARD
H	FOR HUAWEI

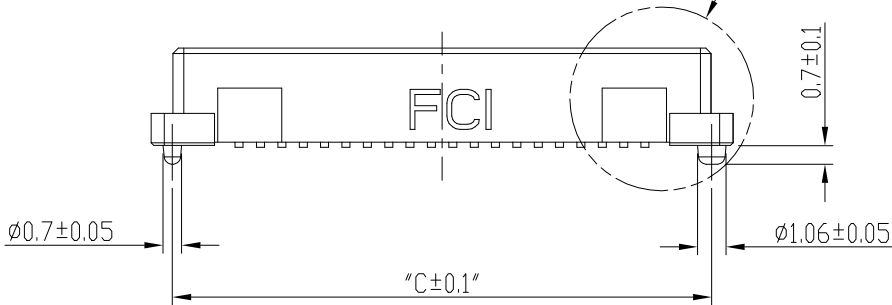
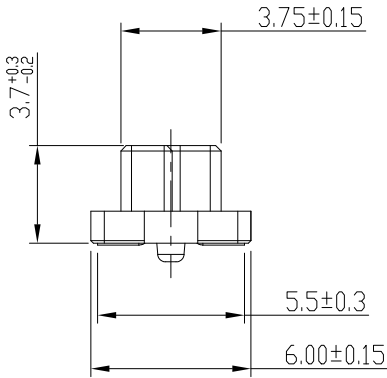
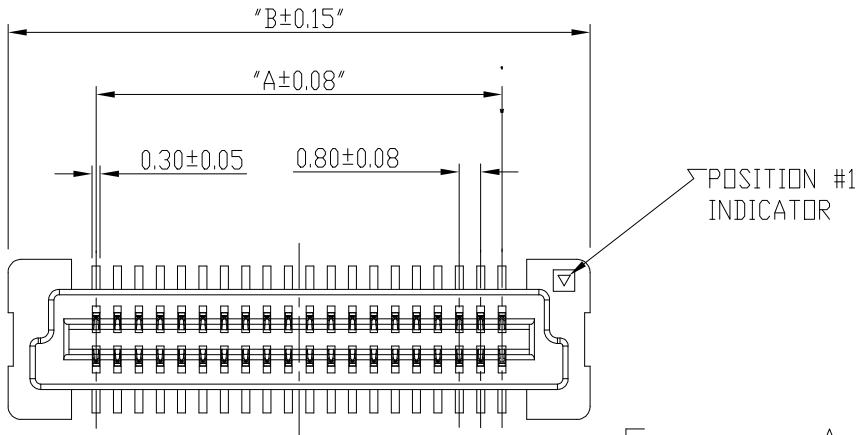
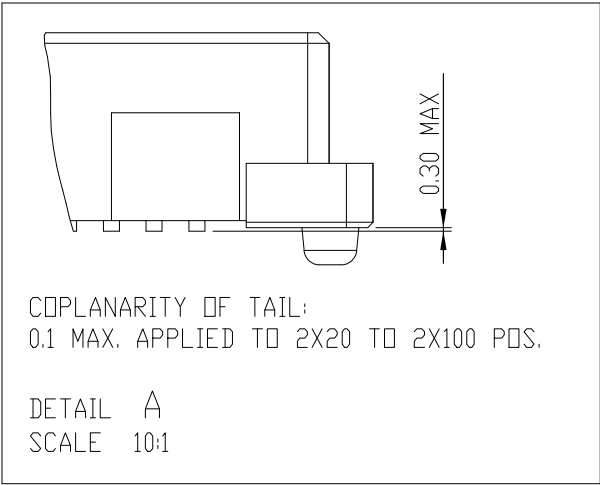
E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
9	TUBE WITH METAL CAP

D	POLARIZATION PEG	HOLD DOWN
0	YES	NO
2	NO	NO

C	PLATING ON CONTACT AREA	FF
0	GOLD 0.2um MIN / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
4	GOLD 0.2um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
5	GOLD 0.38um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
6	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
9	GOLD 0.2um MIN / GOLD 0.05um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF

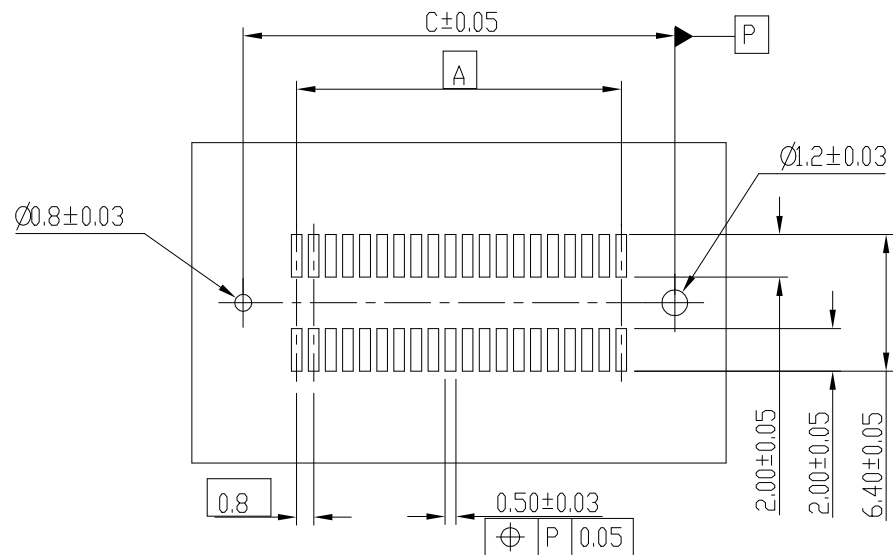
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				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title	
A	S06-0286	MCH	08/25/06	angles	.0±.2	mm	RECEPTACLE ASSY	
B	S06-0316	MCH	09/25/06	linear	.00±.15	mm	BERGSTAK 0.8MM	
C	S09-0326	MCH	10/21/09	X±2'	.000±.10	scale 1:1	dwg no	
D	ELX-N-20407	Jim	03/26/15	dr	M. Cheong	08/25/06	sheet 1 of 6	
E	ELX-N-28867	Bob	12/22/17	engr	Bob Gu	11/22/18	size	
F	ELX-N-31885	Bob	11/22/18	chr	LQ Lei	11/22/18	10069524	
				appd	Tim Yao	11/22/18	type	
							Product Customer Drawing	
sheet index	revision	E	F					
	sheet	1~6	1~6					

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-041***	2X20	15.2	21.8	20.2
10069524-061***	2X30	23.2	29.8	28.2
10069524-081***	2X40	31.2	37.8	36.2
10069524-101***	2X50	39.2	45.8	44.2
10069524-121***	2X60	47.2	53.8	52.2
10069524-141***	2X70	55.2	61.8	60.2
10069524-161***	2X80	63.2	69.8	68.2
10069524-181***	2X90	71.2	77.8	76.2
10069524-201***	2X100	79.2	85.8	84.2

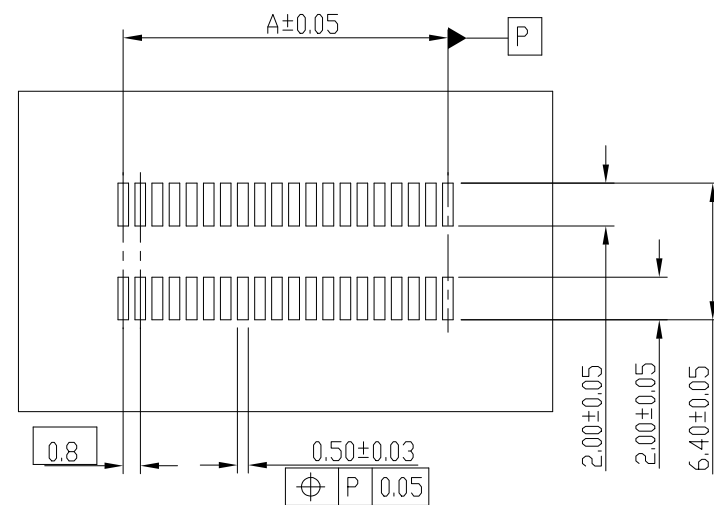


mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK HPL545			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	mm	title RECEPTACLE ASSY BERGSTAK 0.8MM			
F					angles linear	mm	dwg no 10069524			
					X±2'	scale 1:1	sheet2 of 6 size A3			
				dr	M. Cheong	08/25/06	Amphenol FCI			
				enr	Bob Gu	11/22/18				
				chr	LQ Lei	11/22/18				
				appd	Tim Yao	11/22/18	type Product Customer Drawing			
sheet index	revision	F								
	sheet	1~6								

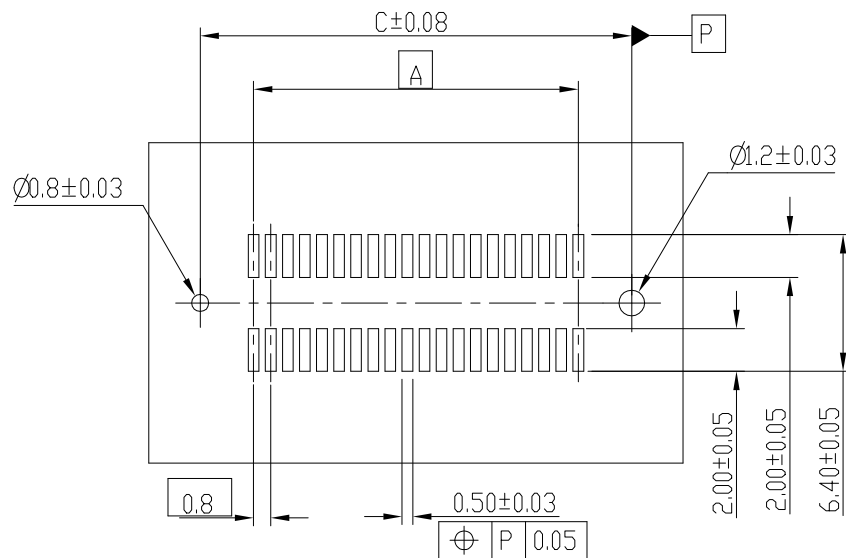
RECEPTACLE 1



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X20, 2X30, 2X40, 2X50, 2X60



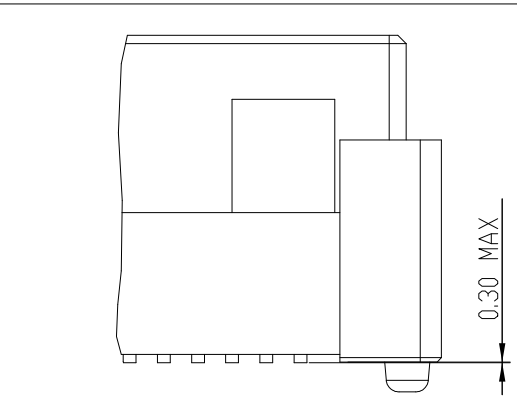
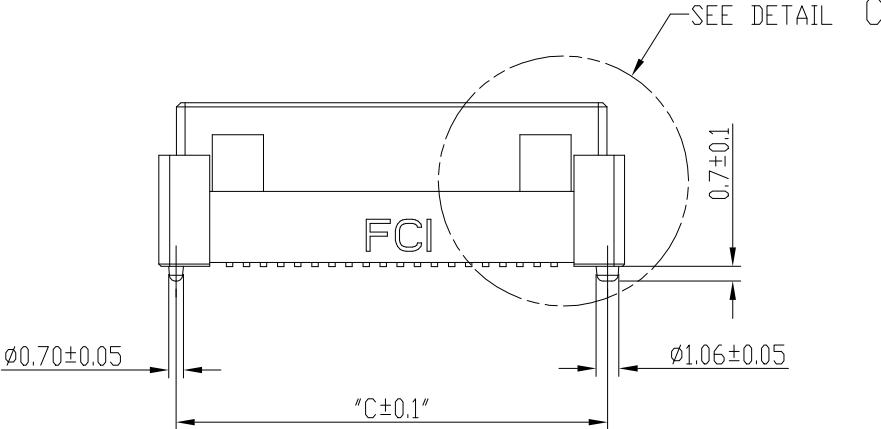
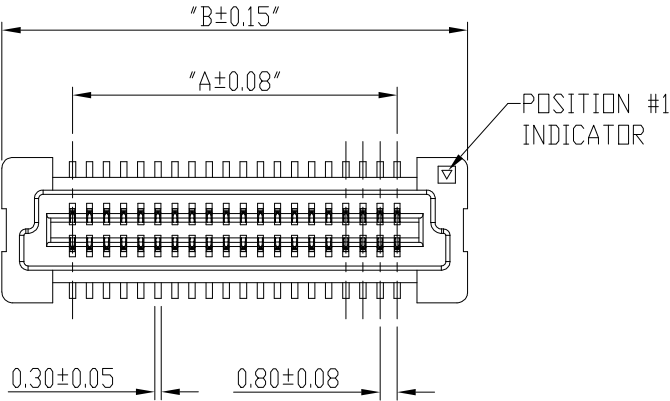
RECOMMENDED PCB LAYOUT WITHOUT PEGS



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

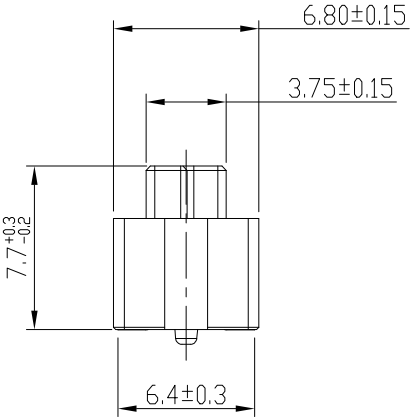
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ltr	ecn	no	dr	date	tolerances unless otherwise specified					title										
F					angles		linear		mm ↔		RECEPTACLE ASSY BERGSTAK 0.8MM									
					X±2°				scale 1:1											
					dr	M. Cheong	08/25/06			dwg no					sheet3 of 6			size		
					engr	Bob Gu	11/22/18			10069524					A3					
					chr	LQ Lei	11/22/18													
					appd	Tim Yao	11/22/18													
sheet index		revision		F																
sheet		sheet		1~6																

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-042***	2X20	15.2	21.8	20.2
10069524-062***	2X30	23.2	29.8	28.2
10069524-082***	2X40	31.2	37.8	36.2
10069524-102***	2X50	39.2	45.8	44.2
10069524-122***	2X60	47.2	53.8	52.2
10069524-142***	2X70	55.2	61.8	60.2
10069524-162***	2X80	63.2	69.8	68.2
10069524-182***	2X90	71.2	77.8	76.2
10069524-202***	2X100	79.2	85.8	84.2



COPLANARITY OF TAIL
0.1 MAX APPLIED TO 2X20 TO 2X100 POS.

DETAIL C
SCALE 8:1



RECEPTACLE 2

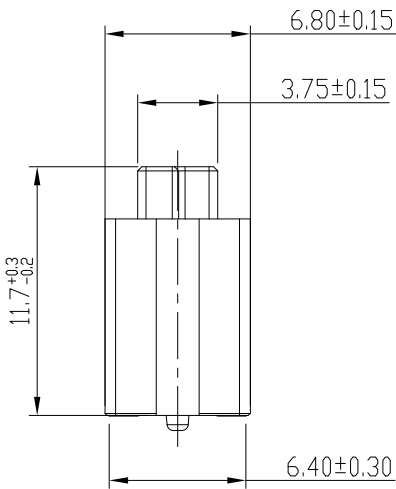
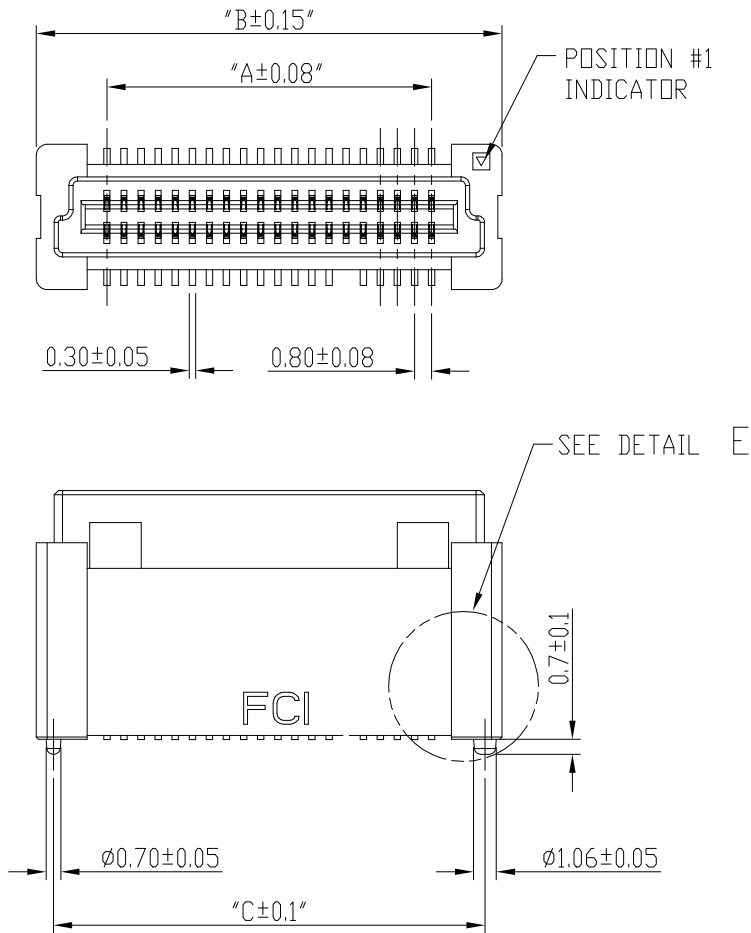
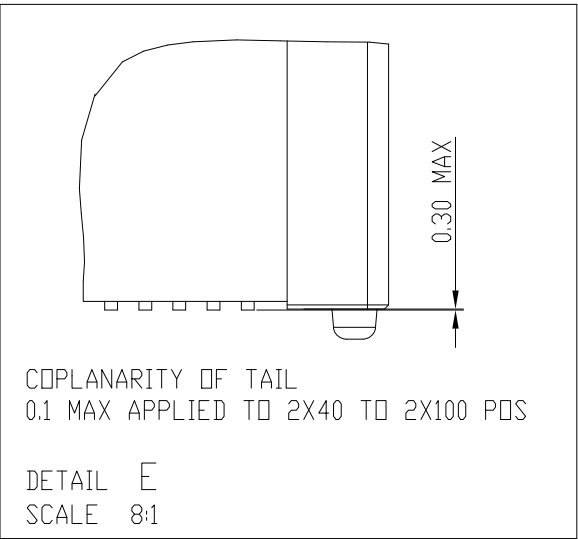
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ltr	ecn	no	dr	date	tolerances unless otherwise specified			title		RECEPTACLE ASSY BERGSTAK 0.8MM							
F					angles		linear		mm 								
					X'±2'				scale 1:1								
					dr		M. Cheong		08/25/06								
					engr		Bob Gu		11/22/18		dwg no		sheet4 of 6		size		
					chr		LQ Lei		11/22/18		10069524				A3		
					appd		Tim Yao		11/22/18		type		Product		Customer Drawing		
sheet index		revision		F													
		sheet		1~6													

Amphenol FCI

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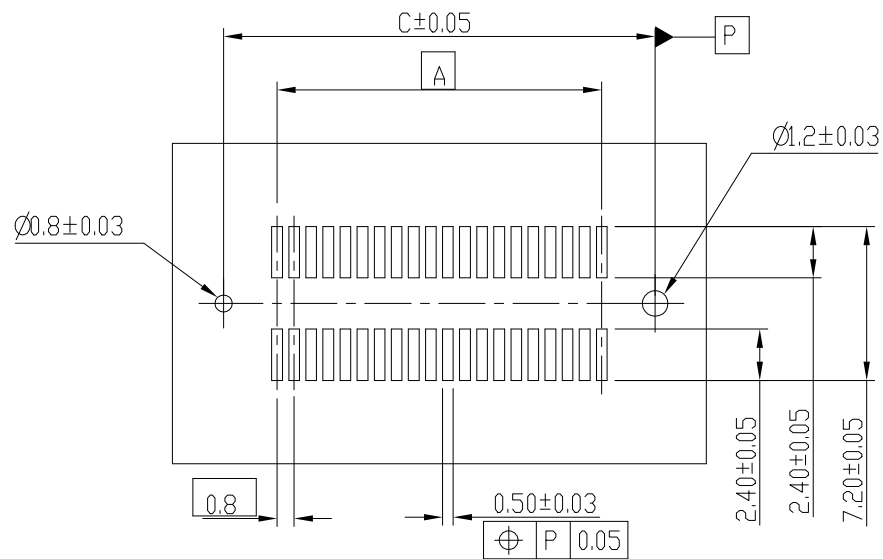
D

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-043***	2X20	15.2	21.8	20.2
10069524-063***	2X30	23.2	29.8	28.2
10069524-083***	2X40	31.2	37.8	36.2
10069524-103***	2X50	39.2	45.8	44.2
10069524-123***	2X60	47.2	53.8	52.2
10069524-143***	2X70	55.2	61.8	60.2
10069524-163***	2X80	63.2	69.8	68.2
10069524-183***	2X90	71.2	77.8	76.2
10069524-203***	2X100	79.2	85.8	84.2

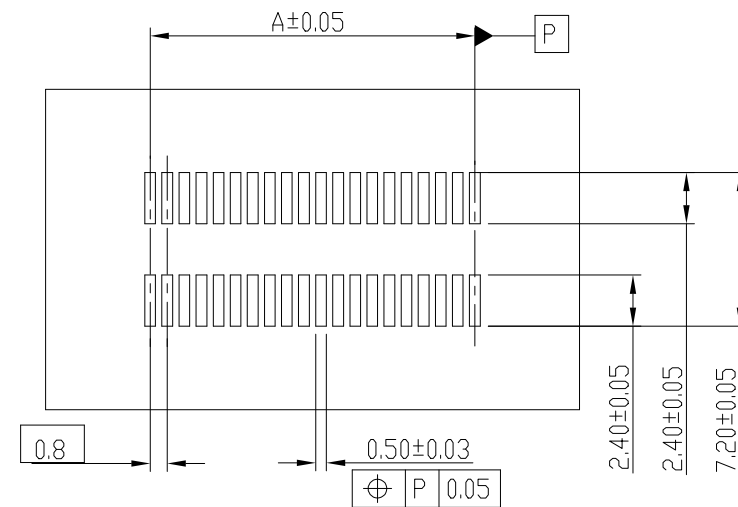


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ltr	ecn	no	dr	date	tolerances	unless	otherwise	specified	mm	title	RECEPTACLE ASSY BERGSTAK 0.8MM			
F					angles	linear	.0±.2							
					X±2°		.00±.15		scale 1:1					
					dr	M. Cheong	08/25/06			dwg no	sheet	5 of 6	size	
					engr	Bob Gu	11/22/18			10069524			A3	
					chr	LQ Lei	11/22/18			type	Product	Customer	Drawing	
					appd	Tim Yao	11/22/18							
sheet	revision	F												
index	sheet	1~6												

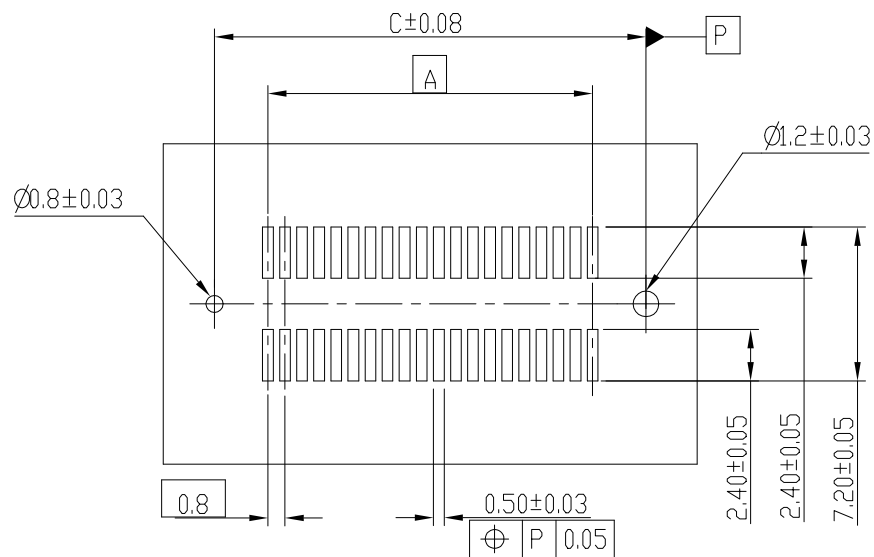
RECEPTACLE 2 & 3



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITHOUT PEGS AND HOLDDOWN



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

mat'l. code				surface		tolerance		projection		product family							
				ISO 1302 ✓		ISO 406 ISO 1101				BERGSTAK HPL545							
litr		ecn no		dr		date		tolerances unless otherwise specified		title							
F								mm		RECEPTACLE ASSY BERGSTAK 0.8MM							
								scale 1:1									
						angles		linear									
						X'±2'											
						dr		M. Cheong		08/25/06		dwg no		sheet6 of 6		size	
						enr		Bob Gu		11/22/18		Amphenol FCI		10069524		A3	
						chr		LQ Lei		11/22/18							
						appd		Tim Yao		11/22/18		type		Product Customer Drawing			
sheet index		revision		F													
		sheet		1~6													